

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/892,837	KLINDT ET AL.	
	Examiner	Art Unit	
	Cam Y T. Truong	2162	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/17/2006.
2. ☒ The allowed claim(s) is/are 1-4,6-14,16-24 and 26-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                       |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____.  |

Cam Y Truong  
 Primary Examiner  
 Art Unit: 2162

**DETAILED ACTION**

1. Claims 1-30 are pending in this Office Action.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Howard L. Speight, Registration No. 37,733 on 7/5/2006.

**In the claims:**

Please replace claims 1, 11 and 21 with amended claims 1, 11 and 21.

Please cancel claims 5, 15, and 25.

1. (Currently amended) A computer implemented method for copying a portion of a database structure, the database including one or more database objects, the method comprising:

recursively retrieving object definitions in the database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieving object definitions includes:

a. retrieving unretrieved object definitions for a set of objects known to be associated with the query;

b. adding to the set of object known to be associated with the query objects contained in the retrieved object definitions that are not already in the set of objects known to be associated with the query;

c. repeating items a and b until no new objects are added to the set of objects known to be associated with the query; and

building a copy of the database structure using the ordered set of object definitions.

11. (Currently amended) A computer-readable storage medium containing computer-readable code for instructing a computer to:

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recursively retrieve object definitions in a database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieve object definitions includes:

- a. retrieves unretrieved object definitions for a set of objects known to be associated with the query;
- b. adds to the set of object known to be associated with the query objects contained in the retrieved object definitions that are not already in the set of objects known to be associated with the query;
- c. repeats items a and b until no new objects are added to the set of objects known to be associated with the query; and

build a copy of a database structure using the ordered set of object definitions.

21. (Currently amended) A package of data stored in a computer readable storage medium for building a copy of a database structure generated in accordance with the following act:

recursively retrieving object definitions in the database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieving object definitions includes:

- a. retrieving unretrieved object definitions for a set of objects known to be associated with the query;

- b. adding to the set of objects known to be associated with the query objects contained in the retrieved object definitions that are not already in the set of objects known to be associated with the query;
  - c. repeating items a and b until no new objects are added to the set of objects known to be associated with the query; and
- building the package of data using the ordered set of object definitions.

***Allowable Subject Matter***

3. Claims 1-4, 6-14, 16-24, 26-30 are allowed.

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claims 1 and 11 wherein recursively retrieve object definitions in the database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieved object definitions includes: recursively retrieve object definitions in the database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieved object definitions includes: adds to the set of object known to be associated with the query objects contained in the retrieved object definitions that are not already in the set of objects known to be associated with the query; build a copy of the database structure using the ordered set of object definitions

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 21 wherein recursively

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retrieving object definitions in the database for one or more database objects associated with a query to produce an ordered set of object definitions, wherein said recursively retrieving object definitions includes: adding to the set of object known to be associated with the query objects contained in the retrieved object definitions that are not already in the set of objects known to be associated with the query; building the package of data using the ordered set of object definitions.

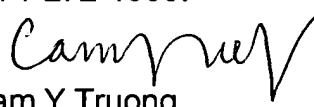
The dependent claims, bring definite, further limiting, and fully enabled by the specification are also allowed.

**Contact Information**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam Y T. Truong whose telephone number is (571) 272-4042. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Cam Y Truong  
Primary Examiner  
Art Unit 2162